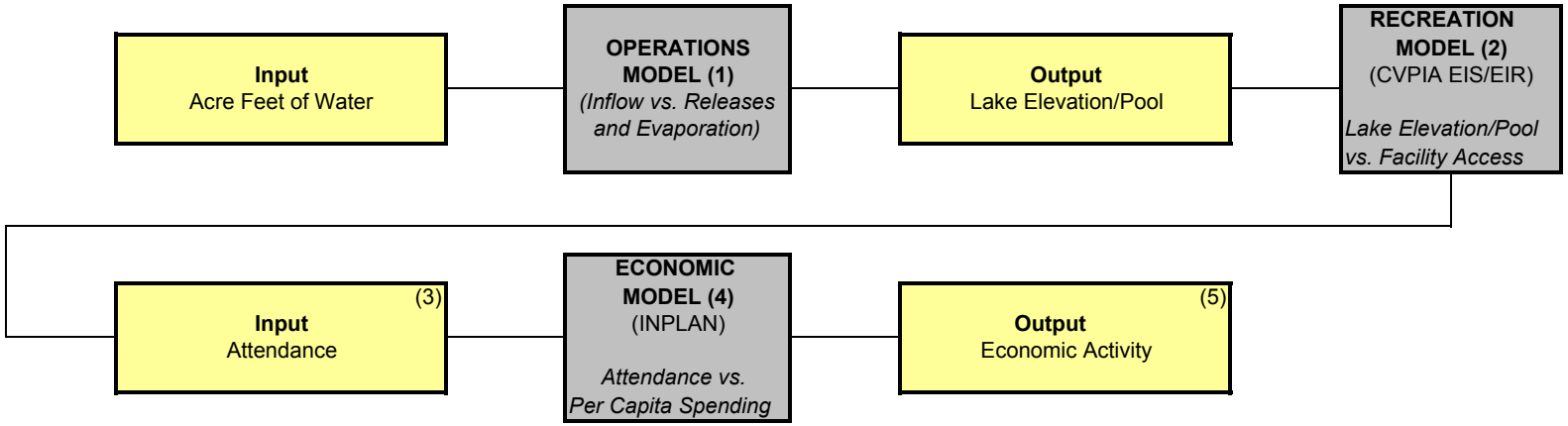
MODEL DISCUSSION DIAGRAM
MODELING TASK FORCE MEETING 12/19/02



Notes:

1. Establish a baseline over life of project with monthly time horizons. Forecast over the next license period with monthly time horizons.
2. See Study Plan R3 Appendix A for description of model. Need to inventory all reservoir related recreation facilities as to elevation when they become inoperable due to either high or low water pool. Range from spillway elevation to low pool elevation. Then establish a baseline for life of the project to date charting the number of months (May to September) each year that each facility has been inoperable due to water pool elevation. The baseline can be used to evaluate any proposed future reservoir operational changes as well as PM&E Project Proposals for suitability.
3. Obtain LOSRA attendance records for past 20 years, if possible, for each major recreation site. This includes both permit related attendance and attendance obtained from traffic counters, surveys and spot counts. Using this data, establish a base line for attendance that can be correlated with monthly reservoir elevation data for the same period. Using this tool, create 3 or 4 attendance models relative to different reservoir elevation ranges over the next license period. These models could be from most favorable recreation conditions to least favorable recreation conditions.
See Study Plans *R3 Assess Relationship of Project Operations & Recreation and R17 Recreation Needs Analysis* in relationship to the Recreation Model.
4. The Impact Analysis for Planning Model (INPLAN) is discussed on page 5 of Study Plan R18. It was developed by the USFS, FEMA, and BLM.
See Study Plans *R 18 Recreation Activity and Spending/Economic Study and R 19 Fiscal Study* in relationship to the Economic Model.
5. Evaluate economic activity under different reservoir operating models and different recreation improvement models to determine site suitability and to identify the most cost effective recreation development strategies with the highest public benefits.

SP R3 draft due 3/03, final due 9/03
SP R17 draft due 9/03, final due 11/03
SP R18 draft due 11/02, final due 10/03
SP R 19 draft due 11/02, final due 10/03

Evaluation of PM&E Proposals is scheduled to begin in 6/03
PM&E Proposals will need to be screened against Recration Needs Analysis and modeled for site suitability relative to pool elevations at each body of water prior to PM&E Project selection. Suggest this occur prior to environmental analysis of PM&E Projects which is scheduled to start in 6/03.